## CASE WW/3-22353/A/PCT

CERTIFICATE OF MAKING 3 Rec'd PCT/PTO 16 OCT 2006

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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Signature

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PCT NATIONAL STAGE APPLICATION OF

**Group Art Unit:** 

JONATHAN HUGHES ET AL.

Examiner:

INTERNATIONAL APPLICATION NO. PCT/EP 05/000519

FILED: January 20, 2005

FOR: PRODUCTION OF A FERMENTATION

**PRODUCT** 

U.S. APPLICATION NO: 10/587,582

35 USC 371 DATE: JULY 28. 2006

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 CFR 1.56, Applicants wish to call the Examiner's attention to the references cited on the attached form PTO-1449. A copy of the International Search Report was supplied, when this application entered the U.S. national phase.

US 2006/057264 is a substantively cumulative English language counterpart of WO 2004/015121.

Copies of the non-U.S. references (that do not have U.S. equivalents) and/or English language abstracts thereof and any articles/journals are enclosed herewith along with a copy of a Great Britain Search Report.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,

Ciba Specialty Chemicals Corporation Patent Department

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Tarrytown, NY 10591-9005

(914) 785-2768

PTO 1449 form (grefs & 1. S. Report)

Shiela A. Loggins Agent for Applicants

Reg. No. 56,221

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Sheet 1 of 3

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	INFORMATION DISCLOSURE CITATION				WW/3-22353/A/PCT 10/587,582 Applicant				
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6,217,778	4/01	Shing et al.		210	708				
6,258,279	7/01	Shah et al.		210	734				
5,681,480	10/97	Langley et al.		210	727				
6,071,379	6/00	Wong Shing et al.		162	168.2				
5,209,854	5/93	Reed et al.		210	734				
6,031,037	2/00	Ghafoor et al		524	388				
2006/057264	3/06	Hughes et al.		426	495				
6,372,805	4/02	Keiser et al.		516	79				
4,753,710	6/88	Langley et al		162	164.3		*		
4,961,825	10/90	Andersson et	al.	162	175				
4,528,321	7/85	Allen et al.		524	761				
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A. Wilkie et al.: Bio	omass & E	Bioenergy, Vol	. 19 (2000) pp. 63-102		·				
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National Renewable Energy Laboratory Report, July 1999, NREL/TP-580-26157									
National Penewahla Energy Laboratory Penert March 2001, 00, 10600/14									
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	DOCUMENT NUMBER 6,217,778 6,258,279 5,681,480 6,071,379 5,209,854 6,031,037 2006/057264 6,372,805 4,753,710 4,961,825 4,528,321  DOCUMENT NUMBER 2004/051521 0 335 575  OTHER A. Wilkie et al.; Big	DOCUMENT NUMBER	DOCUMENT NUMBER	DOCUMENT NUMBER	U. S. PATENT DOCUMENTS	U. S. PATENT DOCUMENTS	U. S. PATENT DOCUMENTS		

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FORM PTO 4440				Docket Number (Ontional) Application Number						
FORM PTO-1449				Docket Number (Optional) Application Number WW/3-22353/A/PCT 10/587,582						
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				Applicant 10/307,302						
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			U S PATEN	T DOCUMENTS		<b>.</b>	, <del>, ,</del>			
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	4,506,062	3/85	Flesher et al.		526	5	211			
	4,599,379	7/86	Flesher et al.		524		801			
	4,720,346	1/88	Flesher et al.		210		734			
	4,973,842	11/90	Gruen et al.		250		309			
	4,952,503	8/90	Granstedt	Granstedt		5	161			
	4,384,897	5/83	Brink	Brink			37			
	5,552,316	9/96	Savage	Savage			261			
	4,728,613	3/88	Brewer et	al.	435	5	222			
	4,650,689	3/87	Hedrick		426	5	600			
	5,975,439	11/99	Chieffalo	et al.	241		17			
	4,388,150	6/83	Sunden et		162		175			
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FORM PTO-1449				Docket Number (Optional)	Application	Application Number			
INFORMATION DISCLOSURE CITATION				WW/3-22353/A/PCT 10/587,582 Applicant					
IN AN APPLICATION				JONATHAN HUGH Filing Date	ES ET AL.		Group Art Unit		
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
	5,482,693	1/96	Rushmere et	al.	423	328.1			
	5,176,891	1/93	Rushmere		423	328.1			
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